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Reel # 449
Proppe, E.

"Economy of coal as a fundamental task of the Polish power industry." p. 153. (Energetyka,
Vol. 7, no. 4, July/Aug 53, Stalinogrod.)

SO: Monthly List of East European Accessions, Vol 3 No 3 Library of Congress Mar 54 Uncl

PROPPER, J; HAVASI, M.

Examination of textiles mixed with cotton, viscose synthetic fibers, and cotton synthetic fibers which have been repeatedly washed and boiled. P. 145 MAGYAR TEXTILECHNIKA Budapest No. 4, Apr. 1956

SOURCE: East European Accessions List (EEAL) Library of Congress Vol. 5, no. 8, August 1956

PROPPER, Laszlo (Budapest)

The situation of publishing dictionaries in Hungary. *Magy tud* 67
no.2:77-81 F '60. (REAI 6:7)

1. Osztalyvezeto, Magyar Tudomanyos Akademia, Budapest.
(Encyclopedias and dictionaries, Hungarian)

PROPPER, L.

Publication of technical dictionaries in Hungary. Periodica polytech
eng 4 no.2:193-201 '60. (EEAI 10:4)
(Technology) (Hungarian language)

PROPPIN-GRASHCHENKOV, "I. I.

See GRASHCHENKOV, "Vladimir Ivanovich."

YASTREBOV, B.V.; PROREKHIN, V.P.

Basic results of using a combination of methods in searching
for underground waters for watering pastures in the Syrian
Desert. Geofiz.razved. no.10:48-65 '62. (MIRA 15:12)
(Syrian Desert—Water, Underground)
(Electric Prospecting)

PRORESHNAYA, T.L., dots.

[What one should know about Q fever] Chto nado znat' o
likhoradke KU. Frunze, Respublikanskii dom sanitarnogo
prosveshchenia Kirgizskoi SSR, 1962. 17 p.
(MIRA 17:2)

*

YEVDOSHENKO, V.G.; KICHATOV, E.A.; PROKESHCHAYA, T.L.

Experimental study of possible methods of infection of marmots with Q fever and their excretion of the pathogen into the external environment. Vop.virus. 7 no.3:353-356 My-Je '61. (MIRA 14:7)

1. Kirgizskiy institut epidemiologii, mikrobiologii i gigieny, Frunze.

(Q FEVER)

Country : USSR
Category: Virology. Viruses of Man and Animals.
Rickettsias.

E

Iss Jour: Ref Zhur-Biol., No 23, 1958, No 103591

Author : Proreshnaya, T.L.; Mischenko, N.K.

Inst : _____
Title : A Study of a "Q"-Fever Focus in Issyk-Kul'skiy Rayon
of Kirghizia.

Orig Pub: Zh . mikrobiol., epidemiol. i immunitet., 1958, No 2,
54-59

Abstract: No abstract.

Card : 1/1

78

PROKOSHIN, T. I., CHERNOZHUKOVA, N. P.,

"On the infectivity of the North American wildcat with the
Q-Fever virus." p. 142

Doklady Akademiya nauk SSSR, Seriya biologicheskaya i
meditsinskaya, 1969, No. 1, p. 142. (Tenth Conference
on Parasitological Problems and Diseases with Natural Foci 22-29
October 1969), Moscow-Leningrad, 1969, Academy of Medical Sciences
USSR and Academy of Sciences USSR, No. 1 214 pp.

SHUMAYEV, T. I., SAVCHENKO, A. V.

"Q-fever in Kirgizia." p. 102

Devyataya Sovetskaya nauchnoy parazitologicheskoy konferentsii i
antropodirologicheskoy konferentsii. 22-29 Avgusta 1959 g. (Ninth Conference
on Parasitological Problems and Diseases with Natural Foci 22-29
October 1959), Moscow-Leningrad, 1959, Academy of Medical Sciences
USSR and Academy of Sciences USSR, No. 1 254op.

Kirgizan Inst. of Epidemiology, Microbiology and Hygiene/Frunze

PROKOSHINA, T. L. and STARCHENINA, L. I.

"Smallpox Vaccination Conditions in the Kirgiz SSR and the Results of Inoculation with Material From the City of Frunze," Trudy Instituta Epidemiologii i Mikrobiologii Ministerstva Zdravookhraneniya Kirgizskoy SSR, Frunze, Vol 1, 1952, pp 37-39.

YEVDOSHENKO, V.G.; PRORISHNAYA, T.L.

Natural infectivity of wild animals in northern Kirgizhia by the
pathogen of Q fever. Vop. virus. 6 no.5:602-605 S-0 '61.
(MIRA 15:1)

1. Kirgizskiy institut epidemiologii, mikrobiologii i gigiyeny.
(Q FEVER) (KIRGHIZISTAN ANIMALS AS CARRIERS OF DISEASE)

POLAND

PROSK, Bartlomiej [Affiliation not given]

"Cysticercosis in Pigs and Dogs in Zabrze."

Warsaw-Lublin, Medycyna Weterynaryjna, Vol 19, No 4, Apr 69, p 200.

Abstract: The study to throw some light on the problem of cysticercosis in Poland covered 485 privately owned pigs belonging to farmers and mountain folk in the Zabrze area. Despite the poorer living conditions of the highlanders' pigs, cases of cysticercosis were much more prevalent among farm pigs. The cause was traced to the greater contact of the latter with dogs, which proved to be highly infected with *Echinococcus granulosus*. There are no references.

1/1

POLAND

PROBOK, Bartłomiej [Affiliation not given]

"Cowpox."

Warsaw-Lublin, Medycyna Weterynaryjna, Vol 19, No 5, May 63, pp 263-264.

Abstract: Author brings further proof of the connection between the outbreak of cowpox among cows and contamination from the hands of milking personnel in contact with people vaccinated against this disease. Investigation of a mass outbreak (33 out of 44 cows) in one of the state farms near Zabrze disclosed that two of the milkmaids, mothers of children vaccinated that month against cowpox and two other milkmaids exhibited symptoms of secondary infection on their hands. The author urges enforcement of personal hygiene precautions on the part of the Health Services. There are no references.

1/1

Use of indigo dyestuffs in printing. I. M. PROKOROV. *Invest. Tekstil. Prom. Torgov.* 1930, No. 4-6, 63-8. The chief advantage for indigo dyestuffs on printing presses is that they are easy to use. Best results in color and quality of printing are obtained by use of British gum as thickener; concn of 300 g. per l. is used, thus permitting conservation of all qualities with sufficient liquid consistency necessary for sedimentation of impurities, as sand, etc. The favorable effect of prolonged standing of the dyestuff before use is due to dispersing action of NaOH which facilitates the action of reducing agents and promotes a fuller absorption of leuco compds. by the fiber. Since 1927 P. has used a method of oxidation with hypochlorite (0.5-0.75 Ht.) which is used in the soap treating app. This method makes the subsequent alc. treatment unnecessary. Four recipes of indigo dyestuff mixes are included. J. G. TOWNS.

METALLURGICAL LITERATURE CLASSIFICATION

25

Use of indigo dyestuffs in printing. I. M. Pronokov. *Izvestiya Tekstil. Prom. Torgov.* 1930, No. 4-5, 95-8. - The chief advantage for indigo dyestuffs on printing presses is that they are easy to use. Best results in color and quality of printing are obtained by use of British gum as thickener; concn of 300 g. per l. is used, thus permitting conservation of all qualities with sufficient liquid consistency necessary for sedimentation of impurities, as sand, etc. The favorable effect of prolonged standing of the dyestuff before use is due to dispersing action of NaOH which facilitates the action of reducing agents and promotes a fuller absorption of leuco compds. by the fiber. Since 1927 P. has used a method of oxidation with hypochlorite (0.5-0.75 B6) which is used in the soap-treating app. This method makes the subsequent alc. treatment unnecessary. Four recipes of indigo dyestuff mixts. are included.

J. G. TOLPIN

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

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PROCESSES AND PROPERTIES UNDER 4 II 6 Use of indigo dyes in printing. I. M. Proskov (Izvest. Textil. Prom. Torgov, 1930, No. 4-6, 96-98). —British gum (300 g. per litre) is preferably used as thickener. The favourable effect of prolonged keeping before use is due to the dispersing action of NaOH, which facilitates the action of reducing agents and promotes absorption of leuco-compounds by the fibre. Oxidation with NaOCl renders subsequent treatment with EtOH unnecessary. Ch. Abs.																																																			
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PFOROK, P.

"Concentration of drivers of the League for Cooperation with the Army in Prachov." p. 30h.

SVET MOTORU. (Svez pro spolupraci s armadou). Praha, Czechoslovakia, Vol. 9, No. 10, May 1955.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8, August 1959.
Uncla.

S/887/61/000/000/031/0
E202/E155

AUTHORS: Prorokov G.V., Lange Yu.V., and Golodayev B.G.

TITLE: A device for measuring the thickness of articles.
A.c. no.114738, cl. 42b 12₀₃ (z. no.553205 of June 11, 1956)

SOURCE: Sbornik izobreteniy; ul'trazvuk i yego primeneniye.
Kom. po delam izobr. i otkrytiy. Moscow, Tsentr. byuro tekhn. inform., 1961, 48-49

TEXT: The ultrasonic gauge offered in the earlier Author's Certificate no.104129 is now improved by adding certain tuning circuits electrically coupled with the wobulator. The variable condensers of the timing circuits are mechanically inter-coupled and have scales calibrated to measure directly the thicknesses. A further feature is the very high accuracy of the gauges, attained by using an oscillographic indicator on whose screen the peaks from the measured article are matched with the resonance peaks of the circuits during their tuning. The device, shown in Fig.39, comprises a wobulator, whose frequency is determined by a piezo-convertor in the gauge, which is capacity-coupled with two

Card 1/3

A device for measuring the thickness... S/887/61/000/000/031/069
E202/E155

or more measuring oscillating circuits whose variable capacities are connected in one bank and during the re-tuning of the circuits remain equal to each other. When the frequencies of the oscillator and the measuring circuit coincide, a peak appears on the screen of the oscilloscope identical to the peak of the standing wave in the article under investigation. By changing the capacity of the variable condenser, it is possible to tune the measuring oscillating circuits to the frequencies determining the harmonics of the ultrasonic waves in the article, thus determining thickness directly from the scale reading. The inductances of the measured circuits are also variable, so that measurement of the thickness of materials may be based on the speed with which ultrasonic waves propagate in them, re-tuning the inductances on samples of known thickness. The application was accepted as useful by TsNIITMASH. There is 1 figure.

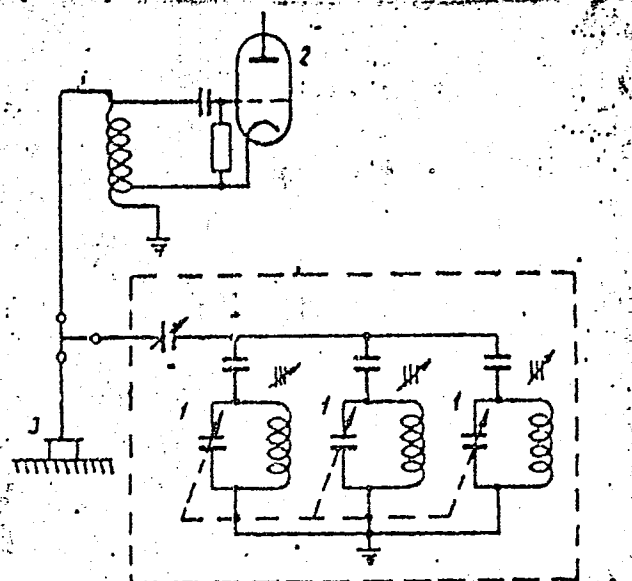
[Abstracter's note: Complete translation.]

Fig.39. Circuit of the installation for the measurement of the thickness of articles: 1 - measuring tuning circuit; 2 - wobulator; 3 - piezo-transducer.

Card 2/3

A device for measuring the thickness... S/887/61/000/000/031/069
E202/E155

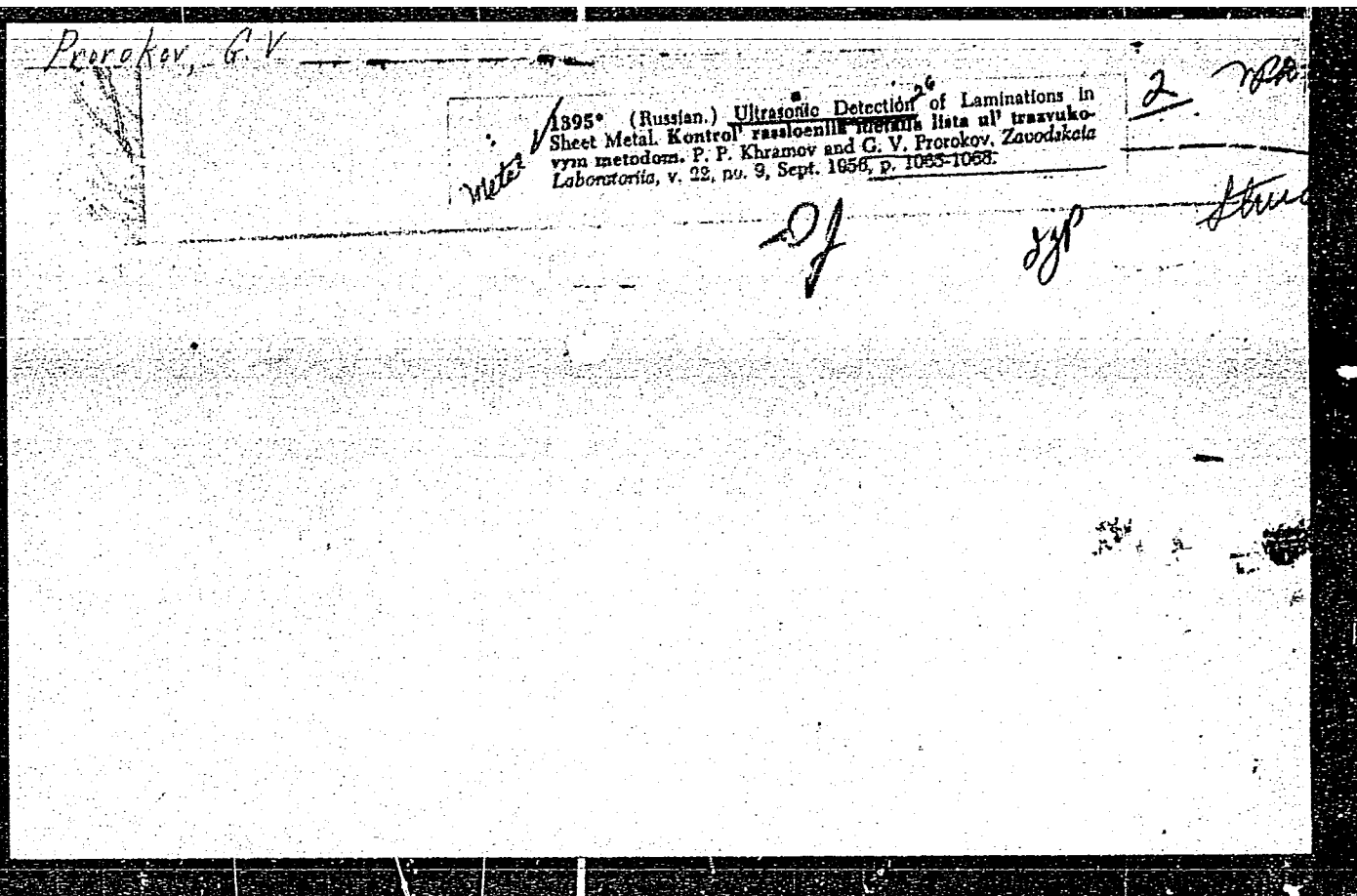
Fig.39



Card 3/3

Prokhorov, G.V.

Defektoskopiya metallov; sbornik statei (non-invention in metals; Collection of articles) Moscow, Voenizdat, 1969. 40 p. Brinda slip inserted. 4,550 copies printed.	
Ka, I. D.S. Shreyber, Candidate of Technical Sciences; Ed.: M.S. Lagovskaya; Tech. Ed.: V.P. Bobin; Managing Ed.: A.S. Zayornovskaya, Engineer.	
PURPOSE: This book is intended for engineers and technicians in the field of nondestructive inspection and testing of metals.	
CONTENTS: This collection of articles deals with methods of nondestructive inspection and testing of metals. Results of investigations conducted at scientific research institutions and plants on magnetic, electrical, X-ray, ultrasonic, and fluorescent-penetrant methods of nondestructive inspection are described. Detailed description of flaw-detection methods and equipment are presented. The book is intended for use by engineers and technicians in non-Soviet countries. No personalities are mentioned. References follow several of the articles.	
Edits: A.A. Magnetization of Parts by Alternating Current and Inspection by the Magnetic-particle Method	17
Rytina, D.G. Measuring Magnetic Fields on Parts of Intricate Shape and Inspection of Blades by the Magnetic-particle Method	55
Mikhovitch, P.O. Equipment for Inspecting Parts by the Magnetic-particle Method	62
Semenov, F.M. Automatic Flaw Detector for Inspecting Mass-produced Steel Parts	76
Rozhdavetskiy, S.M., and J.Yu. Sila-Novitskiy. Electromagnetic Induction Method of Flaw Detection	80
Bobakov, I.B. Some Methods and Instruments for Nondestructive Inspection of the Thickness of Coatings on Parts	111
Rybnitskiy, V.S. Practical Application of Electromagnetic Methods of Non-destructive Testing	117
Shvortsov, I.M. Flaw Detection in Light-alloy Parts by the Electromagnetic Induction Method	126
Averchenko, P.A. High-frequency Induction Instrument for Detecting Cracks and Intergranular Corrosion	133
Polny, E.Y. Fluorescent-penetrant Flaw-detection Method and the Experience Gained by Its Use in Machine Building	139
Isaenko, S.P. Magnetic and Fluorescent-penetrant Inspection of Parts in the Repair and Servicing of Aircraft Equipment	155
Rukh, A.A. Characteristic Features of the Use of the Fluorescent-penetrant Method of Inspecting Parts	163
Sila-Novitskiy, O.Yu. Nondestructive Magnetic Methods for Measuring Thicknesses of Coatings	166
Orlovskiy, I.I. Electrical Thickness Gage for Measuring Anodized Coatings of Aluminum-alloy Parts	184
Shvortsov, I.M. Thermoelectrical Method of Measuring Thicknesses of Electroplated Coatings	189
Shvortsov, I.M. Thermoelectrical Method of Inspecting the Quality of Bonds in Metals	192
Yermolayev, B.I. Use of Back-scattered Beta-radiation for Inspecting Thicknesses of Coatings	196
Chernobrovov, S.Y. New X-Ray Equipment and Image Recorders for X-Ray Flaw Detection	202
Chernobrovov, S.Y. X-Ray Tube with Rotating Anode	219
Shreyber, D.S. Ultrasonic Flaw Detection	241
Lange, Yu.V., and G.V. Prokhorov. Equipment for Ultrasonic Inspection	356
Lange, Yu.V., and G.V. Shreyber. General Characterization of the Pulse-Echo Type Ultrasonic Flaw-detection Method	367
Rukh, A.A. Characteristic Features of the Pulse-Echo Type Ultrasonic Flaw-detection Method	369
Kharin, M.K. Ultrasonic Flaw-detection in Forgings and Valuation of the Size of the Defects Revealed	369
Lange, Yu.V., and G.V. Prokhorov. Automation of Ultrasonic Inspection	373
Shreyber, D.S., and I.I. Zimmis. Application of Ultrasonic Vibrations for Processing and Testing Materials	373



KHRAMOV, P.P.; PROROKOV, G.V.

~~SECRET - INFORMATION~~
Supersonic method for investigating lamination of metal sheets.
Zav. lab. 22 no.9:1065-1068 '56. (MLRA 9:12)
(Ultrasonic waves--Industrial applications)
(Metals--Testing)

PROROKOV, I.R.

Peculiar motor reaction and its suppression in dogs. Trudy fiziol.
lab. 1 no.1/3:271-282 '53 (MLRA 9:5)

(CONDITIONED RESPONSE) (MOVEMENT, PSYCHOLOGY OF)

PROROKOV, M.I.; KONOVALOVA, L.I.; KUDRYASHOVA, A.A.

Experience in the use of the new methods for fabric finishing.

Tekst. prom. 24 no.3:58-61 for 1964.

(USSR 1969)

1. Direktor Ivanovskogo khlopchatobumazhnogo kombinata imeni F.M. Samoylova (for Prorokov). 2. Zaveduyushchiy khimicheskoy laboratoriyey Ivanovskogo khlopchatobumazhnogo kombinata (for Konovalova). 3. Nachal'-nik opytno-proizvodstvennoy laboratorii Ivanovskogo khlopchatobumazhnogo kombinata (for Kudryashova).

DVERNITSKIY, P.M.; KOMAROV, N.I.; KOSITSKIY, I.I.; KOSITSKIY, I.I.;
KOMAROVA, P.I.; KOVICHKOV, I.A.; MEVEDEV, I.S.

Strides of the "big" industry. Cont. No. 24. 1971-72. 1 p.
(MIRA 17:72)

1. Predsedatel' Vsesoyuznogo oblasnogo pravleniya Nauchno-
tekhnicheskogo sotsializma i legkoy promyshlennosti (for Dvernitskiy).
2. Uchebnyy sekretar' Gosumshkola, respublikanskogo pravleniya
Nauchno-issledovatel'skogo tsentra i legkoy promyshlennosti (for
Kositskiy).
3. Predsedatel' oblasnogo pravleniya
Nauchno-issledovatel'skogo obshchestva legkoy promyshlennosti (for Komarov).
4. Direktor izobretatel'skoy organizatsionnoy kombinatsii im. Leninskogo
(for Komarov).
5. Predsedatel' Vsesoyuznogo obshchestva sotsialno-
profессионального sotsialno-razvitiya i legkoy promyshlennosti
(for Komarov).
6. Direktor Khar'kovskogo goskomsu i legkoy promyshlennosti
iz shtapelnogo volokna (for Kovichkov).
7. Direktor Vsesoyuznogo
nauchno-issledovatel'skogo instituta verkhnykh priyemov i dani (for
Mevedev).

PROROKOV, N.I.

Machine imparting a "silver" finish to fabrics. Obm. tekhn.
opyt. [MLP] no.11:39-40 '56. (MIRA 11:11)
(Textile finishing--Equipment and supplies)

MEL'NIKOV, B.N.; PROKOFY, N.I.; ZHILYASHOVA, A.A.

Experience in the use of original ...
fabrics with sulfide dyes. Izv. vyzn. issled. zav. tekhn. tekhn. ...
no.1:153-157 '65.

1. Ivanovskiy khimiko-tekhnologicheskiy institut i Ivanovskiy
khlopchatobumaznyy kombinat.

PETUKHOV, S.P.; KALASHNIKOV, F.F.; PROROKOV, V.I.; KALASHNIKOV, S.N.;
SMIRNOV, G.P.

Broaching machine for cutting bevel gears. [Suggested by Petukhov, S.P.;
Kalashnikov, F.F.; Prorokov, V.I.; Kalashnikov, S.N.; Smirnov, G.P.]
Prom.energ. 12 no.10:20-21 O '57. (MIRA 10:10)
(Metalworking machinery)

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* For the Degree of Candidate in Medical Sciences

1. КОТОВА В.К.
ANDRIYASHEVA, N.M.; BAKKAL, T.P.; BEKKER, S.M.; BOGDANOV-BEREZOVSKIY, V.V.;
BRAUN, A.D.; VASILEVSKAYA, N.L.; GANUSENKO, M.N.; GARMASHEVA, N.L.;
DEMICHEV, I.P.; DRIZGALOVICH, S.Ye.; KALININA, N.A.; KORSAKOVA, G.F.;
KRYZHANOVSKAYA, Ye.F.; MIROVICH, N.I.; PROROKOVA, V.K.; PUGOVISENI-
KOVA, M.A.; RESHETOVA, L.A.; SVETLOV, P.G.; UTEGENOVA, K.D.; KHECHI-
NASHVILI, G.G.; SHVANG, L.I.; GARMASHEVA, N.L., professor, redaktor;
RUDAKOV, A.V., redaktor; RULEVA, M.S., tekhnicheskij redaktor.

[Reflex actions in mother-fetus interrelations] Reflektornye reaktsii
vo vzaimootnosheniakh materinskogo organizma i ploda. [Leningrad]
Gos. izd-vo med. lit-ry, Leningradskoe otd-nie, 1954. 266 p. (MLRA 7:10)
(Pregnancy) (Embryology)

PROKOVA, V.E., kand. med. nauk

Characteristics of the course of pregnancy and birth in late
toxemia in women with hypotension. Russ. J. gyn. ob. g. 6:
60-64. 3-0 1972. (11:111)

1. iz otdeleniy fiziologii i patologii beremennosti (zav. - prof.
I. M. Buzanov, instituta akusherstva i ginekologii AN SSSR - dr.
- prof. N. A. Petrov-Maslov).

Prorokova, V.K.

VASILEVSKAYA, N.L., kandidat meditsinskikh nauk; PROROKOVA, V.K., kandidat meditsinskikh nauk

Some problems in hematology in gynecological and obstetrical practice. Vest. AMN SSSR 12 no.3:87-90 '57. (MLRA 10:8)
(BLOOD) (GYNECOLOGY) (OBSTETRICS)

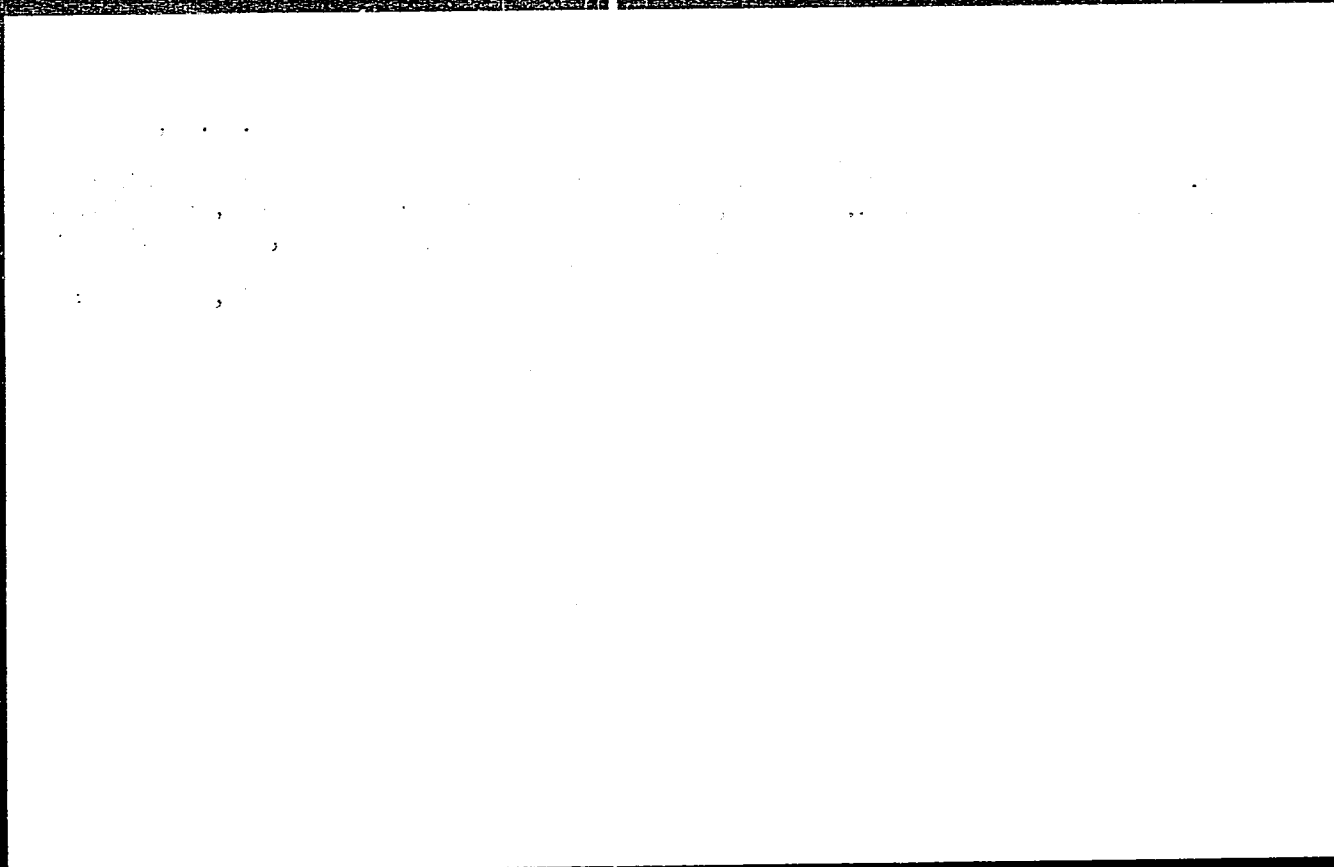
PRORVICH, L. V.

37687 40 sluchayev fiksirovannoy sul'famidnoy er my. vestnik
venerologii i dermatologii, 1948, No. 6, s. 47-49

So. Letopis' Zhurnal'nykh Statey, Vol. 47, 1949

"APPROVED FOR RELEASE: 09/19/2001

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APPROVED FOR RELEASE: 09/19/2001

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PRORVICH, L.V.

SOKOLIN, A.I., kandidat meditsinskikh nauk; VASIL'YEV, T.V., kandidat meditsinskikh nauk; RAKHMANOVA, N.V., nauchnyy sotrudnik; Prorvich, L.V., nauchnyy sotrudnik

Ekmovocillin in the treatment of syphilis. Vest. ven i derm. no.4: 39-42 J1-Ag '54. (MLRA 7:8)

1. Iz otdela sifilidologii (zav. prof. M.A.Rozentul) Tsentral'nogo nauchno-issledovatel'skogo kozhnovenerologicheskogo instituta (dir. kandidat meditsinskikh nauk N.M.Turanov) Ministerstva zdravookhraneniya SSSR.

(SYPHILIS, therapy,

*penicillin, procaine, with ekmolin)

(PENICILLIN, derivatives,

*procaine penicillin, ther. of syphilis, with ekmolin)

(ANTIBIOTICS, therapeutic use,

*ekmolin in syphilis, with procaine penicillin)

PRORVICH, L.V.

ROZENTUL, M.A., professor; VASIL'YEV, T.V., kand. med. nauk; SOKOLIN, A.I., kand.med.nauk; RAKHMANOVA, N.V., nauchn.sotr.; PRORVICH, L.V., nauchn.sotr.; ZLATKINA, A.R., nauchn.sotr.; ARNOL'D, V.A., vrach; PETRUSHEV-SKIY, S.I., vrach; PLAVIT, P.Ya., vrach; VELICKHO, E.V., vrach; GLOBUS, R.E., vrach; GOL'DENBERG, M.M., vrach; TUNGUSKOVA, A.I., vrach

Results of treating syphilis according to the 1949-1951 programs. Vest. ven. i derm. no.1:22-25 Ja-F '55. (MLRA 8:4)

1. Bol'nitsa im. Korolenko (for Arnol'd, Petrushevskiy) 2. 1-y i 2-y kozhno-venerologicheskiye dispansery (for Plavit, Velichko, Globus, Gol'denberg, Tunguskova) 3. Iz otdela sifilidologii (zaveduyushchiy professor M.A.Rozentul) TSentral'nogo kozhno-venerologicheskogo instituta (direktor - kandidat meditsinskikh nauk N.M.Turanov) Ministerstva zdravookhraneniya SSSR.

(SYPHILIS, therapy
in Russia, pattern of ther.)

ROZENTUL, M.A., professor; VASIL³YEV, T.V., kandidat meditsinskikh nauk;
SOKOLIN, A.I., kandidat meditsinskikh nauk; MASLOV, P.Ye., kandidat
meditsinskikh nauk; PRORVICH, L.V., kandidat meditsinskikh nauk;
PAKHMANOVA, N.V. Pakhmanova, nauchnyy sotrudnik; KHAMAGANOVA, A.V.,
nauchnyy sotrudnik; PETRUSHEVSKIY, S.I., vrach

Treatment of syphilis with ecomonovocillin. Sov.med. 20 no.7:24-28
Jl '56. (MLRA 9:10)

1. Iz otdela sifilidologii (zav. -- prof. M.A.Rozentul) TSentral'nogo
kozhno-venerologicheskogo instituta (dir. -- dotsent N.M.Turanov)
Ministerstva zdavookhraneniya SSSR.

(SYPHILIS, ther.

procaine penicillin G with ekmolin)

(PENICILLIN, rel. cpds.)

procaine penicillin G with ekmolin in ther. of syphilis)

LINGREN, I.M.; PROSVICH, I.V.; TROFIMOVA, I.Ya.

Aminazine in the combined treatment of psoriatic dermatoses.
Vest. dermat. i ven. no.3:50-52 '65. (MIRA 12 11)

1. Kafedra kozhnykh bolezney (zav. -- prof. V.A. Rakhamov)
I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.
Sechenova i dermatologicheskii otdel (zav. -- prof. N.M. Smelov)
TSentral'nogo kozhno-venerologicheskogo instituta (direktor --
doksent N.M. Turanov) Ministerstva zdravookhraneniya SSSR,
Moskva.

COUNTRY : USSR
 CATEGORY : Pharmacology and Toxicology. Chemotherapeutic
 M. JOUR. : Zhurnal, No. 1 1959, No. 1001
 AUTHOR : Levin, A. M.; Prorvich, L. V.; Agafonov, A. I.
 I. : 1st Moscow Medical Institute
 TITLE : On the Treatment of Syphilis with Mononovocillin
 ORIG. PUB. : Tr. 1-go Mosk. med. in-ta, 1959, 4, 113-117
 ABSTRACT : No abstract

CARD: 1/1

RAKHMANOV, V.A., prof.; PRORVICH, L.V., kand.med.nauk; BORISOVA, T.S.

Local application of corticosteroids in the treatment of certain dermatoses. Vest.derm.i ven. 34 no.10:30-35 '60.

(MIRA 13:11)

1. Iz kafedry kozhnykh i venericheskikh bolezney (zav. - prof. V.A. Rakhmanov) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova. 2. Chlen-korrespondent AMN SSSR (for Rakhmanov).

(STEROIDS--THERAPEUTIC USE)

(SKIN--DISEASES)

LEVIN, A.M., dotsent; KSAHFOPULO, P.I., assistant; PRORVICH, L.V., assistant

Results of the use of vitamin B12 in certain skin diseases. Vest.
derm. i ven. 33 no.2:54-57 Mr-Apr '59. (MIRA 12:7)

1. Iz kafedry kozhnykh i venericheskikh bolezney (zav. - chlen-korre-
spondent AMN SSSR prof. V. A. Rukhmanov) i Moskovskogo ordena Lenina
meditsinskogo instituta.

(SKIN DISEASES, ther.

vitamin B12 (Rus))

(VITAMIN B12, ther. use,

skin dis. (Rus))

LEVIN, A.M., dots., KSAHFOPULO, P.I., assistant, PRORVICH, L.V., assistant

Diprazine in certain pruritic dermatoses. Vest.derm. i ven. 32
no.5:63-64 S-0 '58 (MIRA 11:11)

1. Iz kafedry kozhnykh i venericheskikh bolezney (zav. - prof.
V.A. Rakhmanov) I Moskovakogo ordena Lenina meditsinskogo
instituta im. I.M. Sechenova.

(PRURITIS, ther.

10-(2-dimethylamine -2-methylethyl) phenothiazine
(Rus))

(PHENOTHIAZINE, related cpds.

10-(2-dimethylamine-2-methylthyl)phenothiazine in
pruritis (Rus))

L 08363-67

ACC NR: AR6028138

SOURCE CODE: UR/0058/66/000/005/D096/D096

AUTHOR: Nikolayenko, P. T.; Prorvin, A. I.

2/

TITLE: Investigation of intensity distribution in the wing of a Rayleigh line

SOURCE: Ref. zh. Fizika, Abs. 5D758

REF. SOURCE: Uch. zap. Kemerovsk. gos. ped. in-t, vyp. 9, 1965, 349-353

TOPIC TAGS: Rayleigh scattering, spectral line, line intensity, molecular spectrum, spectral distribution

ABSTRACT: The authors investigated the distribution of the intensity in the wing of a Rayleigh line in the frequency region $30 - 120 \text{ cm}^{-1}$ for anisol, benzene, and O-xylol excited by the 4358 and 4047 Å mercury lines. The experimental data are interpreted on the basis of the concept of two types of molecular motions causing the change in the frequency: 1) elastic oscillations relative to the equilibrium position; 2) Brownian rotary motion with a random-force power spectrum that depends on the frequency. For benzene and eight of its derivatives, the authors have determined the characteristic reorientation times, which have an order of magnitude 10^{-13} sec. V. Khartsiyev. [Translation of abstract]

SUB CODE: 20

Card 1/1 nst

ACC NR: AR6025778

SOURCE CODE: 0058/66/000/004/D105/D105

AUTHOR: Prorvin, A. I.

TITLE: Concerning the distribution of the intensity in the wing of the Rayleigh line

SOURCE: Ref. zh. Fizika, Abs. 4D819

REF. SOURCE: Uch. zap. Kemerovsk. gos. ped. in-t, vyp. 9, 1965, 355-361

TOPIC TAGS: Rayleigh scattering, spectral line, line intensity, elastic oscillation, vibration spectrum, light scattering, collision

ABSTRACT: To explain the dependence of the intensity in the wing of the Rayleigh line on the frequency ω , in the form $I = I_0 (1 + \omega^4 \tau^4)^{-1}$, which was experimentally observed for benzene and its derivatives, the author considers theoretically two models of light scattering. In the first model the scattering of light is by elastic rotational vibrations of the molecules, interrupted by collisions. In the second model it is assumed that the collisions lead to a change in the orientation of the axis of the rotational vibrations. Both models agree with the experimental data, and in the second model it is necessary to assume additionally a dependence of the spectrum of the power of the random force on the frequency. It is noted that the available experimental data on the intensity of the wing and the background of the Rayleigh line are insufficient for deciding between the two considered models. V. Khartsiyev. [Translation of abstract]

Card 1/1 SUB CODE: 20

CZECHOSLOVAKIA

PROS, J., MD.

Gynecological-Obstetrical Ward OUNZ (Gyn.-porod.
oddeleni OUNZ), Prague

Prague, Prakticky lekar, No 12, 1963, pp 467-469

"Some Mistakes of Women Before Physical Training."

PROS, J.R.

Physical motion and sport in prevention and therapy of dysmenorrhea.
Cesk.gyn.26[40] no.1/2:48-49 F '61.

1. Nemocnice na Bulovce a poradna pro sportovkyne pri KUNZ-UNV,
Praha.

(DYSMENORRHEA prev. & control)
(PHYSICAL EDUCATION AND TRAINING)

PROS, J.R.

Prevention of climacteric disorders by means of sport. Cesk.gyn.
26[40] no.1/2:73-74 F '61.

1. Nemocnice na Bulovce a Poradna pro sportovkyne pri KUNZ-UNV,
Praha.

(CLIMACTERIC compl)
(PHYSICAL EDUCATION AND TRAINING)

PROS, J.R.

Gynecological aspects of horsemanship. Preliminary communication.
Cesk. gyn. 26[40] no.10:743-745 D '61.

1. Poradna pro sportujici zeny pri UNZ UNV-Praha, vedouci lekar
MUDr. J.R. Pros.
(SPORTS) (GYNECOLOGY)

PROS, Zdenek; VANEK, Jiri; KLIMA, Karel

The velocity of elastic waves in diabase and greywacke under the pressures up to 4 kilobars. *Studia geophys* 6 no.4:347-368 '62.

1. Geophysical Institute, Czechoslovak Academy of Sciences, Praha 4
Sporilov, Bocni II.

L 32802-66 GW

ACC NR: AT6016646

SOURCE CODE: CZ/2512/64/012/000/0177/0197

AUTHOR: Pros, Zdenek; Sobotova, Carmen; Waniek, Ludvik; Pribyl, Alois;

ORG: none

TITLE: The velocity distribution of elastic waves in the Pribram graywacke

SOURCE: Ceskoslovenska akademie ved. Geofysikalni ustav. Geofysikalni sbornik, v. 12, 1964, Prague, 1965, Prace, no. 196-214, 177-197

TOPIC TAGS: ^{physical} geology, electroacoustics, elastic oscillation, wave analyzer

ABSTRACT: The velocity of longitudinal elastic waves in the Pribram graywacke was measured in a continued study of uniformity in the mechanical properties of the rock. Samples from a vertical section of the pit at depths down to 1400 m were tested. The dependence of waves velocity on depth was determined by the electroacoustic method. It was established that this dependence is continuous and has a local maximum at a depth of 800—900 m. The change in the velocity gradient at this depth cannot be explained entirely by the change in density, or by the macroscopically noticeable change in the composition of the rock. Rather, it shows a correlation with the boundary (interface) between two geological structures which constitute the rock, called the Sadecky and the Tremoshensky graywacke; the boundary layer is rich in hematite. The geological characteristics of the rock are given. It is noted that the depth dependence $\Delta v/\Delta p$ for the given samples was obtained through measurements of

Card 1/2

L 32802-66

ACC NR: AT6016646

dependence of elastic wave on one-sided pressure. In turn, these measurements have demonstrated that the elastic anisotropy caused by the rock stratification and shown in upper strata is diminishing with increased pressure, i.e., in line with the increasing depth. The authors thank Doctor J. Vanek for valuable advice and suggestions, Mrs. N. Pick, and Messrs. K. Lomecky, and R. Havlik for devoted help in tests treating and evaluating measurement results. The paper was reviewed by K. Pec.
Orig. art. has: 12 figures, 3 tables, and 1 formula. [KP]

SUB CODE: 08/ SUBM DATE: 24Mar64/ ORIG REF: 004/ OTH REF: 004.

Card 2/2 *mg5*

PROS, Zdonek

Electronic apparatus for precise measurement of elastic parameters of rocks. Geofys sbornik 9:193-228 '61.

1. Geofizicheskiy institut, Chekhoslovatskaya akademiya nauk, Praga.

KLIMA, Karel; VANEK, Jiri; PROS, Zdenek

The attenuation of longitudinal waves in diabase and graywacke
under pressures up to 4 kilobars. Studia geophys 8 no. 3:247-254
'64.

1. Institute of Geophysics, Czechoslovak Academy of Sciences,
Prague 4 - Sporilov, Bozni II.

VANEK, I.; KLIMA, K.; PROS, Z.

Methods of measuring the absorption of elastic waves in rock specimens. Izv. AN SSSR. Ser.geofiz. no.5:603-609 My '62.
(MIRA 15:8)

1. Chekhoslovatskaya Akademiya nauk, Geofizicheskiy institut.
(Elastic waves)

L 01512-66 EWA(h).

ACCESSION NR: AP5024319

CZ/0023/64/003/0247/0252

AUTHOR: Klima, Karel; Vanek, Jiri; Pros. Zdenek
44,55 44,55 44,55

TITLE: Attenuation of longitudinal waves in diabase and greywacke under pressures of up to four kilobars

SOURCE: Studia geophysica et geodaetica, no. 3, 1964, 247-254

TOPIC TAGS: seismic wave, seismography, hydrostatic pressure
12,44,55

ABSTRACT: This article reports on measurements of the attenuation of longitudinal waves in diabase and greywacke of the Pribram (Czechoslovakia) mining region under hydrostatic pressure of up to 4 kilobars. The measurements were made at the high-pressure laboratory of the Institute of Physics of the Earth, of the Academy of Sciences USSR, in Moscow, simultaneously with recording of the velocities of elastic waves under hydrostatic pressure, using the method of transmission. The investigations showed that the attenuation coefficient declines with increase in pressure; in diabases the change with pressure is 2-4 times and those

Card 1/2

L 01512-66

ACCESSION NR: AP5024319

3
in greywacke are 10 times the corresponding changes in the velocity of the longitudinal waves. It appears that grain boundaries in the rock play an important role in the variation of the attenuation of longitudinal waves during compression. Orig. art. has: 4 formulas, 8 graphs, 1 table.

ASSOCIATION: Geophysical Institute, Czechoslovak Academy of Sciences, Prague

SUBMITTED: 16Dec63

44,55
ANAL: 00

SIB CODE: ES

NR REF SOVI. 003

OTHER: 005

JPRS

Card 2/2 *DP*

ACC NR: AT6032817

(A)

SOURCE CODE: PO/0000/66/000/000/0127/0130

AUTHOR: Knoblokhova, A. (Prague); Pros, Z. (Prague); Klima, K. (Prague)

ORG: Geophysics Institute, CSAV (Geofizikalni Ustav CSAV)

TITLE: Ultrasonic study of the anisotropy of barium titanate ceramics

SOURCE: Conference on Acoustics of Solid Media. Warsaw, 1964. Proceedings. Warsaw, PWN, 1966, 127-130

TOPIC TAGS: barium titanate, ceramic material, ultrasonic velocity

ABSTRACT: In order to determine the elastic properties of barium titanate ceramics, the velocities of longitudinal ultrasonic waves were measured at 19°C as functions of the voltage of the applied electric field. The anisotropy of the elastic parameters caused by the pressing during the preparation of the barium titanate plates could be observed even after the firing. The anisotropy coefficient changes between 0.98 and 1.04 under the influence of the outer electric field. With the exception of the curve of initial polarization, the dependence of anisotropy on the voltage of the outer electric field is symmetrical and has a hysteresis-type character. Orig. art. has: 4 figures and 2 tables.

SUB CODE: 11/ SUBM DATE: 14Jun65/ SOV REF: 003

Card 1/1

ROGOZ, Mihai; PROSAN, N., economist

With the sword of satire and humor. Munca sindic 6 no.4:58-59
Ap '62.

1. Responsabil al comisiei cultural-educative de masa a
comitetului sindicatului uzinelor Steagul-Rosu, Brasov.

PROSANDYEV, A., kand.ekon.nauk (Novosibirsk)

Scholarly study of price problem ("Studies on price regulation in the U.S.S.R." by Sh.IA.Turetskii. Reviewed by A.Prosandeev). Sov.torg. 33 no.7:39-41 J1 '60.
(MIRA 13:7)

(Price regulation) (Turetskii, Sh.IA.)

PROSANDYEV, V.K., veterinarnyy vrach

V.P.Filatov's method of using a tissue preparation for normalizing sexual functions in cows. Uch.zap. KVI 85:178-179'62.

(MIRA 16:7)

1. Iz kafedry akusherstva (zav.-prof. A.P.Studentsov) Kazanskogo veterinarnogo instituta.

(COWS) (TISSUE EXTRACTS) (ESTRUS)

PROSANDEYEV, Ye. [Prosandiev, IE.]; SALIK, N., inzh.-stroitel'

We introduce precast reinforced concrete into construction.

Sil'.bud. 12 no.3:3-4 Mr '62.

(MIRA 15:8)

1. Zamestitel' predsedatelya Zaporozhskogo oblastnogo ob'yedineniya
"Sil'gosptekhnika" (for Prosankeyev).

(Precast concrete construction)

MOLDOVEANU, M., ing.; PROSCANU, S., ing.

Organization of flux repairs at the Navodari (Dobruja)
Repair Station. Mec electrif agric 9 no.5:29-38 '64.

1. Director, Navodari (Dobruja) Repair Station (for Moldovenau).
2. Navodari (Dobruja) Repair Station (for Proscanu).

PROSCH, F.

St. Petersburg, A.F. Debrien, 1881. 164 p.

1. Stock and stock-breeding. I. Kovalevskii, Vladimir Ivanovich, 1844- tr.

AULOVA, J.; EBEL, J.; KOFRON, J.; POLIVKA, J.; ~~PROSEK, V.~~; RYBIN, B.

The time of survival of patients with malignant tumors of the bones.
Acta chir. orthop. trauma. Cech. 28 no.4:366-369 Ag '61.

1. II ortopedická klinika, prednosta prof. dr. O. Hnevkovsky, chirurg.
klinika Pod Petrinem, prednosta doc. dr. Z. Vahala, UNV nem. na Bulovce,
ortop. odd., prednosta doc. dr. R. Pavlansky, UNV nem. v Motole,
chirurg. odd., prednosta prof. dr. B. Niederle, II. chirurg. klinika
SFN, prednosta doc. dr. J. Lhotka, UVN ve Stresovicich, ortop.
odd., prednosta dr. B. Eiselt.

(BONE AND BONES neoplasms)

AMBROZH, Karel [Ambroz, Karel]; PROSHEK, Stanislav [Prosek, Stanislav]

The idea born in our collective. Sov. profsoiuzy 18 no.6:43
Mr '62. (MIRA 15:3)

1. Predsedatel' komissii okhrany i bezopasnosti truda zavoda
"Novosvit" v g.Sezimogo Usli (for Ambroz). 2. Chlen komissii
okhrany i bezopasnosti truda zavoda "Novosvit" v g.Sezimovo
Usli (for Proshek).
(Sezimovo Usli--Factories--Safety measures)

1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
PROCESSES AND PROPERTIES INDEX																			
BC B-111-5 Determination of organic matter in sands and clays. R. FROSTMAKKA (Fys. o. Vidsk. 1934, 34, 118, 322, 323, 324).—Org. matter is determined by heating with a H_2O_2-20% H_2SO_4 mixture and back-titrating the excess of I_2O_5 with aq. FeSO_4. On heating carbon, wood, FeO, starch, and humic acids with the chromate mixture, 80–90% of the org. matter was oxidized. (C. A. B. (c))																			
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PROCESSES AND PROPERTIES INDEX																			
BC		(A) Formation of sludge in Lake Ontario. J. V. PARSONS. (B) Micro-chemical analysis of sludge deposits. J. V. PARSONS and A. E. FERGUSON. <i>SEMIANNUAL REPORT ON THE BIOLOGICAL CONDITIONS OF SLUDGE DEPOSITS.</i> J. V. PARSONS. (<i>Trans. Ontario Lab., 1927, No. 15, pp. 97-104, 105-110.</i>)—(C) Biological conditions are described. (D) Methods of microscopic examination of mud profiles are described. (E) Slime develop in salt lake H₂O of a salt content corresponding with d < 1.54, and can enter into the composition of the sludge on condition of periodic overlapping with heavy detritus. H. T.																	
ASSOCIATE METALLURGICAL LITERATURE CLASSIFICATION																			
FROM SYNONYM										FROM HOMONYM									
LARGE #1										SMALL ONE ONLY 151									

Determination of ox-tylene in technical mixtures.
A. V. GORANOVNA and I. V. PAVLOVICH (Ukrain.
Chem. J., 1938, 10, 176-186). Ordinary HNO₃,
d 1.4, can be substituted for that recommended by
Reichl (B., 1931, 1000).

R. T.

2

B-I-8

Abstract of ammonia by hydride. G. V. Kagan and I. V. Ponomarev (Ukrain. Chem. J., 1967, 12, 100-102). The absorptive capacity of hydride for NH_3 is increased by pretreatment with Cl_2 or O_2 at 100° . Sorption of gaseous NH_3 is > that of aq. NH_3 . R. T.

ABSTRACT OF METALLURGICAL LITERATURE CLASSIFICATION

ABSTRACT OF METALLURGICAL LITERATURE CLASSIFICATION

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Rapid colorimetric determination of silicon in steel, for steel-plant laboratories. S. M. OUTMAN and S. I. PRONCHOTINETS (Rep. Inst. Met., Leningrad, 1933, No. 15, 165-170; cf. A., 1933, 354).—1 g. of steel filings is dissolved in 10 c.c. of HCl (d 1.19); 3 c.c. of HNO₃ (d 1.4), and 15 c.c. of H₂O, then 10-15 c.c. of H₂O, 50 c.c. of 10% Na₂HPO₄, and 10 g. of CaCO₃ are added, the solution is set aside for 10 min. on a water-bath, and made up to 500 c.c. To 50 c.c. are added 0.5-1 g. of powdered (NH₄)₂MoO₄ and 10 c.c. of 10% HCl. The colour (due to SiO₂·12MoO₃·H₂O) is matched against standard K₂CrO₄ (1.135 g./litre). 1 c.c. of the standard ≡ 0.0001 g. of Si. Results for Cr-Ni steels are low. Ch. Abs. (c)																																																																																																																																																											
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1ST APP. INFO CROSSES PROCESSED AND PROPERTIES INDEX

B-I-5

BC

Determination of hydrogen in steel. G. J. Vanneman and R. L. Emmertson (Zavod. Lab., 1967, 6, 422-427).—Dry electrolytic O_2 is passed over a Fe spiral at 400° , to oxidize traces of H_2 , the gas is dried and passed for 1 hr. over a sample of steel in a porcelain boat at 1000° , and the H_2O produced is absorbed by P_2O_5 , the increase in wt. of which, minus the increase obtained in a blank test, gives the H content of the steel. Presence of S in the steel does not interfere. Vols. of 0.2–10 p.p.m. were found for a no. of steels. R. T.

ASS-3LA METALLURGICAL LITERATURE CLASSIFICATION

1ST APP. INFO CROSSES

1ST APP. INFO CROSSES

PROSEJTIH, S.

"The fundamental problem of the magnetic stabilizer." p. 19. ELEKTROTEHNIŠKI VEŠNIK,
Vol. 21, no. 1/2, 1953, Ljubljana.)

SC: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress
August, 1953, Uncl.

CZECHOSLOVAKIA

UDC 001.5:616.24-006.6

TOPOL, O.; PROSEK, A.; HRDLICKA, Z.; Radiological Clinic, Medical Fac. of Hygiene, Charles University (Radiologicka Klinika Lek. Fak. Hyg. KU), Prague, Head (Prodnosta) Prof Dr R. BLAHA; Department of Lung Diseases of Adults (Oddeleni Plicnich Chorob Dospelych) Thomayer's Hospital (Nemocnice), Prague, Head (Primar) Dr A. PROSEK; Research Institute for Clinical and Experimental Surgery (Vyzkumny Ustav Klinicke a Experimentalni Chirurgie), Prague, Director (Reditel) Prof Dr B. SPACEK.

"Clinical Classification of Lung Cancer (TNM System)."

Prague, Casopis Lekaru Ceskych, Vol 105, No 42, 21 Oct 66, pp 1152 - 1154

Abstract [Authors' English summary modified]: The TNM classification system was verified on 59 patients, 30 of whom had surgical findings. Present-day clinical and laboratory methods cannot determine the size of the tumor, mainly where metastases in the nodes, and latent metastases are concerned. However, the system produces more objective comparisons of therapeutic measures in different stages of the disease. Early diagnosis is essential for causal treatment. 3 Figures, 3 Tables, 1 Western reference.
1/1 (Manuscript received May 66).

- 42 -

VEJDOVSKY, R., Praha-Krc, Budejovicka 800; ANDRIOVA, M.; PROSEK, A.

Suitable concentrations of secondary antitubercular agents in culture media used in sensitivity tests for Mycobacterium tuberculosis and their clinical and laboratory correlation. Cas. lek. Cesk. 104 no.39:1069-1073 1 0 '65.

1. Plicni oddeleni dospelych Thomayerovy nemocnice v Praze (vedouci MUDr. A. Prosek) a Mikrobiologicke oddeleni Thomayerovy nemocnice v Praze (vedouci MUDr. M. Zavadova). Submitted December 1964.

PROSEK, A.; VALCHAR, J.

Treatment of destructive forms of pulmonary tuberculosis with isoniazid in combination with PAS and streptomycin. Cas. lek. cesk. 96 no.13:396-400 29 May 57.

1. Odd. pro tbc dospelych Thomayerovy nemocnice v Praze-Krci. Primar Dr. Ant. Prosek. Venovano k 70. narozeninam akademika Divise.

(ISONIAZID, ther. use

tuberc., pulm., with PAS & streptomycin, results (Cz))

(PARA-AMINOSALICYLIC ACID, ther. use

tuberc., pulm., with isoniazid & streptomycin, results (Cz))

(STREPTOMYCIN, ther. use

tuberc., pulm., with isoniazid & PAS, results (Cz))

PROSEK, Antonin; VALCHAR, Josef

Treatment of fulminating forms of pulmonary tuberculosis with
isoniazid alone or in combination with PAS and streptomycin.
5-year observations. Cas.lek.cesk. 99 no.45:1425-1428 4 N '60.

1. Odd. pro tbc dospelych Thomayerovy nemocnice v Praze-Krci,
primar MUDr. Ant. Prosek.
(ANTITUBERCULAR AGENTS ther)

PROSEK, BOHDAN

Bulgarian-Czech and Czech-Bulgarian technical dictionary. 1st ed.

Praha, Statni nakl. technicke literatury, 1958. 598 p.
Czechoslovakia

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, No. 8,
August 1959

Unclassified

PROSEK, F.

Karst phenomena in travertine and their stratigraphic importance.

p. 145 (CESKOSLOVENSKI KRAS) Vol. 10, no. 4, 1957,
Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3,
March 1958

PROSEK, F.

Changes in natural conditions of the south Slovak karst in
the latest geologic period. p. 33.
OCHRANA PRIRODY. (Ministerstvo kultury, Statni pece o
ochranu prirody) Praha.
Vol. 11, no. 2, Mar. 1956.

SOURCES: EEAL LC Vol. 5, No. 10, Oct. 1956

L 20656-66 EWP(t) IJP(a) JD/JH

ACC NR: AP5028799

SOURCE CODE: CZ/0009/65/000/009/0540/0543

AUTHOR: Brozek, V.— Brozhek, V.; Prosek, F.—Proshek, F.

ORG: Inorganic Chemistry Department. University of Chemistry and Technology, Prague
(Katedra anorganické chemie, Vysoká škola chemickotechnická)

TITLE: Preparation of spectroscopically pure aluminum²¹

SOURCE: Chemický průmysl, no. 9, 1965, 540-543

TOPIC TAGS: aluminum, aluminum oxide, impurity level, metal crystal

ABSTRACT: A mixture of aluminum carbide and aluminum crystals was obtained from reduction of aluminum oxide by carbon at 2300C and 5 atm. Metallic impurities included in the raw material in concentrations not exceeding 0.01% were present in the carbide phase only, as the aluminum crystals were spectroscopically pure. Metal crystals separated by simple means can be used for various purposes; coating of mirror surfaces in vacuo was tried as an example. The authors thank Eng. B. Hajek for his comments, and Eng. J. Pesek for making the spectrum analysis. The paper is dedicated to professor Eng. D. Frantisek Petr on the occasion of his 60th birthday. Orig. art. has: 8 figures, 3 formulas and 1 table. [Author's abstract.]

SUB CODE: 11, 07/ SUBM DATE: 14Apr65/ ORIG REF: 001/ OTH REF: 006/

UDC: 546.621

669.71

Card 1/1 BK

L 34841-66 EWT(m)/EWP(t)/ETI LJP(c) JD

ACC NR: AP6020949

SOURCE CODE: CZ/0034/66/000/007/0512/0512

INVENTOR: Brozek, V. (Engineer); Prosek, F. (Engineer)

ORG: none

TITLE: High-purity aluminum production. CZ Pat. No. PV 3244-65

SOURCE: Hutnicke listy, no. 7, 1966, 512

TOPIC TAGS: aluminum, aluminum oxide, aluminum powder, carbon powder, ~~high purity~~
~~aluminum, aluminum production, HIGH PURITY METAL~~

ABSTRACT: This Author Certificate introduces a method of producing high-purity aluminum (up to 99.9999%) with crystals up to 2 mm in size. Aluminum-oxide and carbon powders are mixed in the stoichiometric ratio of 1:3, heated at 2200—2500C for 5—15 min in a graphite crucible, and compressed with a plunger at a pressure of 2—10 at. Wetting the cooled product with distilled water causes precipitation of aluminum crystals due to hydrolytic decomposition of aluminum carbide. The initial aluminum oxide and carbon should not contain more than 0.2% impurities. The powder particles should be not larger than 0.5 mm in size. [WW]

SUB CODE: 11/ SUBM DATE: 19May65/ ATD PRESS: 513/

Card

1/1

PROSEK, FR.

LOZEK, V.; PROSEK, FR.; VLCEK, E.

"A report on the meeting of the diluvial section at the 6th Conference of the Government Archaeological Institutes" p. 237 (Anthropozoikum, Vol. 1, 1951, Praha)

East European Vol. 3, No. 3
SO: Monthly List of Russian Accessions, Library of Congress, March 195⁴, Uncl.

PROSEK, FR.

AMBROZ, V.; LOZEK, V.; PROSEK, FR.

"Recent Pleistocene in the environs of Moravany near Piestany of the Vah River,
western Slovakia" p. 53 (Anthropozoikum, Vol. 1, 1951, Praha)

SO: Monthly List of Russian Accessions, East European Vol. 3, No. 3, Library of Congress, March 195⁴₃, Uncl.

L 06242-67 EWP(L)/ETI/EWP(R)/EWP(L) LJP(c) JD

ACC NR: AP6019419

(A)

SOURCE CODE: CZ/0078/66/000/005/5017/0017

INVENTOR: Brozek, Vlastimil (Engineer; Prague); Prosek, Frantisek (Engineer; Prague)

ORG: None

TITLE: [Method of manufacturing high purity metallic aluminum] CZ Pat. No. PV 3244-65, Class 40

SOURCE: Vynalezy, no.5, 1966, 17

TOPIC TAGS: aluminum oxide, aluminum, crystal, ~~metallic~~, metal crystal; ^{HIGH}
^{PURITY} METAL

ABSTRACT: A ¹⁴method for the manufacture of ²⁷metallic ¹⁶aluminum of high purity up to 99.9999% in the form of crystals up to 2mm in size is described which has the distinguishing feature that a mixture of powdered aluminum oxide and of carbon in the stoichiometric proportion of 1 : 3 is heated at a temperature of 2,200 - 2,500°C for 5 - 15 min. in a graphite crucible with a piston activated cover which maintains the mixture under a pressure of 2 - 10 atm. At the termination of the heating process, the aluminum crystals are separated from the resulting product through the hydrolytic decomposition of the aluminum carbide by redistilled water. The initial products or raw materials, aluminum oxide and carbon, must not contain more than 0.2% of impurities and the size of the powder particles must not be greater than 0.5mm.

SUB CODE: 11/

SUBM DATE: 19May65

Card 1/1 *egh*

PROSEK, Ivo, MUDr

Palpebral conditioned reflex produced by imagination. Cas. lek.
cask. 93 no.39:1074-1077 24 Sept 54.

1. Labortor vyssi nervove cinnosti CSAV. Vedouci: Akademik
V.Laufberger.

(REFLEX, CONDITIONED,

prod. of palpebral reflex by imagination)

(IMAGINATION,

prod. of conditioned palpebral reflex)

(EYELIDS, physiology,

conditioned reflex prod. by imagination)

1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
PROCESSES AND PROPERTIES INDEX																			
CA										28									
An automatic measuring device for soda solutions. <i>Josef Prolek. Listy Cukrovar. 64, 150-00(1948).</i>—Be- cause sugar-beet fields in northwestern Bohemia were affected by a drought, the sugar factories had to prepare for addns. of soda to the sugar juices. P. gives plans for a device which adds soda solns. automatically. F. M.																			
ASM-51A METALLURGICAL LITERATURE CLASSIFICATION																			
FROM SYMBOLS										FROM NOMINAT									
100000 100 000 000 000 000 000 000 000 000 000										100000 100 000 000 000 000 000 000 000 000 000									

PROSEK, J.; PROUZA, B.

Primary control on a collective farm.p. 37 (Rolnicke Hlasy Vol. 11, no. 1, Jan. 1957 Praha)

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

PROSEK, J.

The national enterprise Chirana on the threshold of its second decade.
Jemna mech opt 5 no.5:134-135 My '60.

1. Reditel, Vyrobní hospodarska jednotka Chirana, Praha.

FOUKAL, Zdenek, dr.; PETERA, Arnost, inz.; PROSEK, Josef, inz.

Our successes in low-temperature drying techniques. Nova technika
no.3:127-130 Mr '60.

1. Ustav ser a ockovacich latek, Praha.

CZ/4-60-3-18/44

AUTHORS: Foukal, Zdeněk, Doctor; Petera, Arnošt, Engineer; Prošek,
Josef, Engineer

TITLE: Results Obtained by Low-Temperature Drying.

PERIODICAL: Nová Technika, 1960, No. 3, pp. 127 - 130

ABSTRACT: The authors inform on various equipment for low-temperature drying, displayed at the hall "Z" of the First International Trade Fair in Brno by the n.p. Frigera Kolín (Frigera Kolín, People's Enterprise), respectively by the Motokov Export Enterprise. The "KS 6" type cryogenic drying equipment works on the principle of lyophilization. A detailed definition of the term lyophilization follows. Figure 1 shows a schematic of the "KS 6" type cryogenic drying equipment; Figure 2 shows a section of the same equipment, i.e. the mechanism for the rotatory freezing; and Figure 3 a full view of the "KS 6" equipment. A table (p. 128) gives data on the absolute dependence of steam on temperature in the course of the lyophilization process; a certain temperature of condenser causes always a certain vacuum. A description of the lyophilization follows, containing data on the freezing, drying and condensation processes and the appropriate equipment.

Card 1/2

Results Obtained by Low-Temperature Drying.

CZ/4-60-3-18/44

The required constant minimum temperature of -50°C is obtained by freon-sets with an output of about 5,000 calories, the high-vacuum of less than 100μ is obtained by a two-stage oil pump of $5\text{ m}^3/\text{l}$ hour capacity. A description of the controlling and recording instruments, supplied by the Regula Plant, follows. The sublimation capacity of the "KS 6" equipment amounts to 4 liter of water in 24 hours. Another product displayed at the Brno Fair was the "FS 50" type fractionation desk for low-temperature alcoholic fractionation of human plasma, for example for the extraction of gamma globuline and albumine. Figure 4 shows a schematic of this equipment, a full view was shown in "Nová Technika", 1959, Nr 12, p 556. The fractional precipitation is carried out in containers of 2×1.5 , 2×3 , 2×6 , or 2×25 liter volume, the temperature is adjustable from 0 to -10°C with an accuracy of $\pm 0.5^{\circ}\text{C}$. There are 1 table, 1 photograph and 3 diagrams.

ASSOCIATION: Ústav sér a očkovacích látek, Praha (Institute for Sera and Inoculants, Prague)

Card 2/2